

| RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit) | | | | | | | | | DATE February 2003 | |
|---|-------------------|---------------------|---------------------|---------------------|---|---------------------|---------------------|---------------------|------------------------------|------------|
| BUDGET ACTIVITY 05 - System Development and Demonstration (SDD) | | | | | PE NUMBER AND TITLE 0604233F Specialized Undergraduate Pilot Training | | | | | |
| COST (\$ in Thousands) | FY 2002 Actual | FY 2003 Estimate | FY 2004 Estimate | FY 2005 Estimate | FY 2006 Estimate | FY 2007 Estimate | FY 2008 Estimate | FY 2009 Estimate | Cost to Complete | Total Cost |
| Total Program Element (PE) Cost | 4,682 | 1,867 | 3,267 | 3,368 | 8,572 | 3,536 | 3,603 | 3,668 | Continuing | TBD |
| 4102 Joint Primary Aircraft Training System (JPATS) | 1,802 | 1,867 | 1,897 | 1,948 | 7,123 | 2,046 | 2,075 | 2,102 | Continuing | TBD |
| 4376 T-38 Avionics Upgrade Program (AUP) | 2,880 | 0 | 1,370 | 1,420 | 1,449 | 1,490 | 1,528 | 1,566 | Continuing | TBD |
| Quantity of RDT&E Articles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |

Note: The RDT&E test articles above include the JPATS test aircraft (T-1) funded with FY95 through FY01 funds and Ground Based Training System (GBTS) Aircrew Training Devices (ATD), conversion software, and Training Integration Management System (TIMS) components funded with FY97 through FY01 funds. It also includes two T-38C (AUP equipped) test aircraft and two ATDs.

(U) **A. Mission Description**
 Supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training (SUPT) and the Department of Defense initiative for joint pilot training. The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37 and T-34 respectively) and associated Ground Based Training Systems (GBTS). The Air Force is the Executive Service. The T-38 AUP is an integrated modernization of the T-38A and AT-38B cockpits to support mission ready fighter and bomber training. Additionally, there are funds in this project for Phase I testing of propulsion enhancements for the T-38 aircraft and to update T-38 flight performance models, Technical Orders, and AUP software for both aircraft and Aircrew Training Devices for changes brought about by the T-38 Propulsion Modernization Program (PMP). T-38 FY02 and FY04 - FY09 funding is for software block updates driven by FAA-mandated changes, National Aerospace System (NAS) requirements, and enhancements identified during test and evaluation.

In FY2006, Project 4102 includes \$5.367 million for upgrade of the Simulator for Electronic Combat Technology (SECT). SECT is used to train electronic warfare officers in multi-place aircraft. Sustainment is out of OO-ALC/YW at Hill AFB, UT. SECT is not related to the JPATS program. The JPATS portion of the FY06 funds is \$1.756 million.

(U) **B. Budget Activity Justification**
 This program element is in Budget Activity 5, engineering and manufacturing development because it primarily involves the missionization of commercial derivative aircraft, equipment, and components.

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BUDGET ACTIVITY

PE NUMBER AND TITLE

05 - System Development and Demonstration (SDD)**0604233F Specialized Undergraduate Pilot Training**(U) **C. Program Change Summary (\$ in Thousands)**

| | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>Total Cost</u> |
|---|----------------|----------------|----------------|-------------------|
| (U) Previous President's Budget | 4,885 | 1,909 | 1,941 | 348,229 |
| (U) Appropriated Value | 4,885 | 1,909 | | |
| (U) Adjustments to Appropriated Value | | | | |
| a. Congressional/General Reductions | -48 | -21 | | |
| b. Small Business Innovative Research | -132 | -21 | | |
| c. Omnibus or Other Above Threshold Reprogram | | | | |
| d. Below Threshold Reprogram | | | | |
| e. Rescissions | -23 | | | |
| (U) Adjustments to Budget Years Since FY 2003 PBR | | | 1,326 | 22,169 |
| (U) Current Budget Submit/FY 2004 PBR | 4,682 | 1,867 | 3,267 | TBD |

(U) **Significant Program Changes:**

Funding has been added to continue both the JPATS (FY2006 and beyond) and T-38 (FY2004 and beyond) programs. The additional funding will be used for software and hardware upgrades. \$5.367 million has been added to FY2006 for upgrades to the Simulator for Electronic Combat Technology (SECT).

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)**0604233F Specialized Undergraduate Pilot Training****4102**

| COST (\$ in Thousands) | FY 2002 Actual | FY 2003 Estimate | FY 2004 Estimate | FY 2005 Estimate | FY 2006 Estimate | FY 2007 Estimate | FY 2008 Estimate | FY 2009 Estimate | Cost to Complete | Total Cost |
|---|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------|
| 4102 Joint Primary Aircraft Training System (JPATS) | 1,802 | 1,867 | 1,897 | 1,948 | 7,123 | 2,046 | 2,075 | 2,102 | Continuing | TBD |

(U) **A. Mission Description**

The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37 and T-34, respectively) and associated Ground Based Training Systems (GBTS). The aircraft and GBTS will be used to train entry-level student aviators in the fundamentals of flying so they can transition into advanced training tracks leading to qualification as military pilots, navigators, and naval flight officers. The program includes the purchase of aircraft, simulators, and other associated ground-based training devices, Training Integration Management System (TIMS), instructional courseware, and logistics support.

The FY2006 figure of \$7.123 million includes \$5.367 million for upgrade of the Simulator Electronic Combat Technology (SECT). SECT is used to train electronic warfare officers in multi-place aircraft and is managed at OO-ALC/YW at Hill AFB UT. The JPATS portion of the FY2006 funds is \$1.756 million for RDT&E.

Budget Activity Justification: This program element is in Budget Activity 5, Engineering and Manufacturing Development (EMD) because it primarily involves the missionization of commercial derivative aircraft, equipment, and components.

(U) **FY 2002 (\$ in Thousands)**

(U) \$1,802 Studies & development efforts.

(U) \$1,802 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$1,867 Studies & development efforts.

(U) \$1,867 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$1,897 Studies & development efforts.

(U) \$1,897 Total

(U) **B. Project Change Summary**

Not Applicable

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)**0604233F Specialized Undergraduate Pilot Training****4102****(U) C. Other Program Funding Summary (\$ in Thousands)**

| | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>FY 2008</u> | <u>FY 2009</u> | <u>Cost to</u> | <u>Total Cost</u> |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| | <u>Actual</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Complete</u> | |
| (U) AF RDT&E | 1,802 | 1,867 | 1,897 | 1,948 | 1,756 | 2,046 | 2,075 | 2,102 | Continuing | TBD |
| (U) Other APPN | | | | | | | | | | |
| (U) Aircraft Procurement, Air Force, BA-3 | | | | | | | | | | |
| (U) JPATS | 222,822 | 204,011 | 280,569 | 289,491 | 312,344 | 280,312 | 196,964 | 3,013 | 6,400 | 2,372,700 |
| (U) JPATS, BA-6 | 0 | 39,933 | 6,925 | 7,311 | 246 | 7,078 | 29,356 | 0 | 0 | 90,849 |
| (U) JPATS Mod Funding | | | 4,201 | 3,867 | 4,719 | 5,753 | 13,395 | 11,710 | 26,320 | 69,965 |
| (U) Military Construction, Air Force | | | | | | | | | | |
| (U) PE 0804741F, JPATS | 0 | 6,000 | 0 | 2,200 | 2,000 | 0 | 0 | 0 | 0 | 19,050 |
| (U) RDT&E, Navy, BA-7 | | | | | | | | | | |
| (U) PE 0603208N, Training System Aircraft, H1150, JPATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,300 |
| (U) Aircraft Procurement, Navy, BA-3 | | | | | | | | | | |
| (U) JPATS | 30,253 | 27,570 | 2,399 | 2,541 | 959 | 147,848 | 295,315 | 300,690 | 1,186,503 | 1,926,222 |
| (U) APN 6 Spares | 7,500 | 1,941 | 0 | 0 | 0 | 5,914 | 9,510 | 8,110 | 44,811 | 77,786 |
| (U) Military Construction, Navy | 4,100 | 2,000 | 0 | 11,000 | 13,900 | 0 | 6,200 | 0 | 0 | 46,900 |

(U) D. Acquisition Strategy

JPATS was competitively awarded with the intent of maximizing the use of commercially available equipment and best commercial practices. Initially, the JPATS Program competitively awarded two contracts: a Firm Fixed Price Contractor Logistics Support (CLS) - Operations and Maintenance funds - contract and a Fixed Price Incentive Firm Target (FPIF) manufacturing development (MD)/production contract with seven options. The FY2002 (Lots 9-13) production contract for both the air vehicle and GBTS is Firm Fixed Price, FAR Part 12 (commercial).

(U) E. Schedule ProfileFY 2002FY 2003FY 2004

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)

0604233F Specialized Undergraduate Pilot Training

4102

(U) E. Schedule Profile Continued

| | <u>FY 2002</u> | | | | <u>FY 2003</u> | | | | <u>FY 2004</u> | | | |
|--|----------------|---|---|---|----------------|---|---|---|----------------|---|---|---|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| (U) Milestone III | * | | | | | | | | | | | |
| (U) TIMS Delivery to Randolph AFB | | | * | | | | | | | | | |
| (U) Begin System-Level Multi-Service OT&E | | | * | | | | | | | | | |
| (U) IOC Air Force (Moody AFB) | | | | * | | | | | | | | |
| (U) Begin Deliveries to Laughlin AFB | | | | | * | | | | | | | |
| (U) Complete System-level Multi-Service OT&E | | | | | * | | | | | | | |
| (U) Durability & Damage Tolerance Testing Complete | | | | | * | | | | | | | |
| (U) Start of Student Training Laughlin AFB | | | | | | * | | | | | | |
| (U) Begin RM & A Verification | | | | | | | | X | | | | |
| (U) IOC Navy (NAS Pensacola) | | | | | | | | X | | | | |
| (U) Complete RM & A Verification | | | | | | | | | X | | | |
| * Denotes completed milestone | | | | | | | | | | | | |
| X Denotes planned milestone | | | | | | | | | | | | |

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| RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) | | | | | | | | DATE February 2003 | | |
|--|--|--------------------|--|-------------------|---|-------------------|----------------|-----------------------|----------------|------------|
| BUDGET ACTIVITY | | | | | PE NUMBER AND TITLE | | | | PROJECT | |
| 05 - System Development and Demonstration (SDD) | | | | | 0604233F Specialized Undergraduate Pilot Training | | | | 4102 | |
| (U) <u>A. Project Cost Breakdown (\$ in Thousands)</u> | | | | | | | | | | |
| | | | | | <u>FY 2002</u> | | <u>FY 2003</u> | | <u>FY 2004</u> | |
| (U) Aircraft Missionization/Test and Evaluation | | | | | 582 | | 1,817 | | 1,697 | |
| (U) Ground Based Training System (GBTS) | | | | | 1,220 | | 50 | | 200 | |
| (U) Other Government Costs (OGC) | | | | | 0 | | 0 | | 0 | |
| (U) Total | | | | | 1,802 | | 1,867 | | 1,897 | |
| (U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u> | | | | | | | | | | |
| (U) <u>Performing Organizations:</u> | | | | | | | | | | |
| <u>Contractor or</u> | | <u>Contract</u> | | | | | | | | |
| <u>Government</u> | | <u>Method/Type</u> | | <u>Award or</u> | | <u>Performing</u> | | <u>Project</u> | | |
| <u>Performing</u> | | <u>or Funding</u> | | <u>Obligation</u> | | <u>Activity</u> | | <u>Office</u> | | |
| <u>Activity</u> | | <u>Vehicle</u> | | <u>Date</u> | | <u>EAC</u> | | <u>EAC</u> | | |
| | | | | | | | | <u>to FY 2002</u> | | |
| | | | | | | | | <u>FY 2002</u> | | |
| | | | | | | | | <u>FY 2003</u> | | |
| | | | | | | | | <u>FY 2004</u> | | |
| | | | | | | | | <u>Budget to</u> | | |
| | | | | | | | | <u>Complete</u> | | |
| | | | | | | | | <u>Total</u> | | |
| | | | | | | | | <u>Program</u> | | |
| <u>Product Development Organizations</u> | | | | | | | | | | |
| Raytheon Aircraft Company | | C/FPI | | 5 Feb 96 | | 163,102 | | 173,243 | | 110,435 |
| (RAC) */**** | | | | | | | | | | 1,802 |
| | | | | | | | | | | 1,867 |
| | | | | | | | | | | 1,897 |
| | | | | | | | | | | Continuing |
| | | | | | | | | | | TBD |
| Flight Safety Services Corp. | | N/A** | | 26 Sep 97 | | N/A | | N/A | | 101,892 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | Continuing |
| | | | | | | | | | | TBD |
| * RAC contract Total Program includes contract value, 'to ceiling,' Engineering Change Order (ECO), and Production Incentive | | | | | | | | | | |
| RAC EAC includes subcontracted GBTS effort, which is not individually reported | | | | | | | | | | |
| ** Subcontract to RAC | | | | | | | | | | |
| ****EACs based on GBTS Only: Lots 1, 6, 7 and 8. | | | | | | | | | | |
| <u>Support and Management Organizations</u> | | | | | | | | | | |
| Various | | Various | | Various | | N/A | | N/A | | 44,210 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | Continuing |
| | | | | | | | | | | TBD |
| <u>Test and Evaluation Organizations</u> | | | | | | | | | | |
| | | | | | <u>Total Prior</u> | | <u>Budget</u> | | <u>Budget</u> | |
| | | | | | <u>to FY 2002</u> | | <u>FY 2002</u> | | <u>FY 2003</u> | |
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Exhibit R-3 (PE 0604233F)

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)

DATE

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)

0604233F Specialized Undergraduate Pilot Training

4376

| COST (\$ in Thousands) | FY 2002 Actual | FY 2003 Estimate | FY 2004 Estimate | FY 2005 Estimate | FY 2006 Estimate | FY 2007 Estimate | FY 2008 Estimate | FY 2009 Estimate | Cost to Complete | Total Cost |
|--|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------|
| 4376 T-38 Avionics Upgrade Program (AUP) | 2,880 | 0 | 1,370 | 1,420 | 1,449 | 1,490 | 1,528 | 1,566 | Continuing | TBD |

(U) **A. Mission Description**

The T-38 Avionics Upgrade Program (AUP) is an integrated modernization of the T-38A and AT-38B cockpits to support mission-ready fighter training and converts all T-38A and AT-38B aircraft to T-38C configuration. The modernized digital cockpit will include Global Positioning System (GPS), Head-Up Display (HUD), Inertial Navigation System (INS), Multi-Function Displays (MFDs), Up-Front Control Panel (UFCP), Data Transfer System (DTS), No-Drop Bombing System (NDBS), and Hands-On Throttle and Stick (HOTAS) switchology. HUD symbology is the new USAF standard recently certified as a primary flight reference. Also included is the acquisition of two types of Aircrew Training Devices (ATDs) to replace the existing T-51 simulators. The program includes the design, integration, test, and installation of the cockpit prototype in aircraft, ATDs, and other training devices, as well as engineering services, studies, analysis and support to determine the feasibility of incorporating changes for purposes of making informed life-cycle cost business decisions. Additionally, funds were included in FY00 and FY01 for Phase I testing of engine operability/suitability for the T-38 Propulsion Modernization Program (PMP) and to update T-38 flight performance models, Technical Orders, and AUP software for changes brought about by the T-38 PMP. FY02 and FY04 - FY09 funding is for AUP block software updates driven by FAA-mandated changes; National Aerospace System (NAS) requirements such as Global Air Traffic Management (GATM), Joint Precision Approach and Landing System (JPALS), GPS, GPS Embedded Module (GEM) issues (Selective Availability Anti-Spoofing Module (SAASM), precision and GPS approaches); and/or enhancements identified during Development Testing, Operational Testing and Force Development Evaluation (FDE), and AETC operations such as scratch pad, improvements to UFCP, HUD, Built In Test (BIT), mechanization of menus/modes and mission planning/debriefing system, ATD HUD projectors, and Computer Aided Module (CAM) operations.

Budget Activity Justification. This project is in Budget Activity 5, Engineering and Manufacturing Development because it primarily involves the missionization of commercial derivative aircraft, equipment, and components.

(U) **FY 2002 (\$ in Thousands)**

| | | |
|-----|---------|--|
| (U) | \$0 | Accomplishments/Planned Program |
| (U) | \$2,762 | Develop and test Block 3 T-38 AUP aircraft and ATD software for requirements driven by FAA/NAS mandates and/or improvements identified during Test and Evaluation and AETC operations. |
| (U) | \$118 | Other Government Cost and Test |
| (U) | \$2,880 | Total |

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PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)**0604233F Specialized Undergraduate Pilot Training****4376**(U) **A. Mission Description Continued**(U) FY 2003 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Program

(U) \$0 No Activity as a result of no FY03 Funding

(U) \$0 Total

(U) FY 2004 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Program

(U) \$1,280 Develop and test Block 4 T-38C AUP aircraft and ATD software for requirements driven by FAA/NAS mandates and/or improvements identified during Test and Evaluation and AETC operations.

(U) \$90 Other Government Cost and Test

(U) \$1,370 Total

(U) **B. Project Change Summary**

Not Applicable.

(U) **C. Other Program Funding Summary (\$ in Thousands)**

| | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>FY 2008</u> | <u>FY 2009</u> | <u>Cost to</u> | <u>Total Cost</u> |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| | <u>Actual</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Complete</u> | |
| (U) AF RDT&E | 2,880 | 0 | 1,370 | 1,420 | 1,449 | 1,490 | 1,528 | 1,566 | Continuing | TBD |
| (U) Other APPN | | | | | | | | | | |
| (U) PE 0804741F, T-38 Avionics Upgrade, BP 1100 | 76,759 | 95,193 | 72,251 | 53,976 | 37,309 | 28,085 | 39,166 | 14,449 | 0 | 549,442 |
| (U) PE 0804741F, T-38 Avionics Upgrade, Initial Spares, BP 1600 | 729 | 973 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,283 |
| (U) PE 0804741F, T-38 Propulsion Modification, BP 1100 | 54,976 | 63,524 | 59,926 | 60,468 | 64,831 | 67,641 | 117,786 | 74,670 | 269,633 | 846,561 |
| (U) PE 0804741F, T-38 Propulsion Engine | 5,763 | 7,106 | 6,556 | 4,812 | 5,123 | 5,226 | 8,147 | 8,294 | 13,656 | 63,367 |

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Exhibit R-2A (PE 0604233F)

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)

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05 - System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604233F Specialized Undergraduate Pilot Training

PROJECT

4376

(U) **C. Other Program Funding Summary (\$ in Thousands)**

| | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>FY 2008</u> | <u>FY 2009</u> | <u>Cost to</u> | <u>Total Cost</u> |
|--|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| | <u>Actual</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Complete</u> | |
| Modification, Initial Spares, BP 1600 | | | | | | | | | | |

(U) **D. Acquisition Strategy**

The T-38 AUP competitively awarded three contracts to a single prime: a) a cost plus award fee EMD contract with six firm fixed price production options; b) a firm fixed price CLS contract for avionics including Contractor Owned and Maintained Base Supply (COMBS) (O&M funds); and c) a fixed price award fee maintenance contract for the current and new Aircrew Training Devices (ATDs). The T-38 PMP will be comprised of four contractual efforts: a) J85-5 engine modification and ejector nozzle will be sole source additions to a current contract with General Electric, b) the inlet/former/bulkhead kits will be a competitive award; c) a task order will be established on the existing Contractor Field Team (CFT) contract for kit installation; and d) the T-38 software changes required by the PMP will be added to the existing Boeing contract for the AUP. FY02 and FY04 - FY09 software block updates will be changes to existing contracts.

(U) **E. Schedule Profile**

| | <u>FY 2002</u> | | | | <u>FY 2003</u> | | | | <u>FY 2004</u> | | | |
|---|----------------|---|---|---|----------------|---|---|---|----------------|---|---|---|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| (U) Required Assets Available (RAA), Moody AFB | * | | | | | | | | | | | |
| (U) Initiate Software Block 3 on AUP | | | | * | | | | | | | | |
| (U) Required Assets Available (RAA), Columbus AFB | | | | | | * | | | | | | |
| (U) Field Software Block 3 | | | | | | | | X | | | | |
| (U) Required Assets Available (RAA), Vance AFB | | | | | | | | | X | | | |
| (U) Initiate Software Block X on AUP | | | | | | | | | | | X | |

* Denotes completed milestone
X Denotes planned milestone

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| RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) | | | | | | | | DATE February 2003 | | |
|---|--------------------|-------------------|-------------------|----------------|---|----------------|----------------|-----------------------|------------------|----------------|
| BUDGET ACTIVITY | | | | | PE NUMBER AND TITLE | | | | PROJECT | |
| 05 - System Development and Demonstration (SDD) | | | | | 0604233F Specialized Undergraduate Pilot Training | | | | 4376 | |
| (U) <u>A. Project Cost Breakdown (\$ in Thousands)</u> | | | | | | | | | | |
| | | | | | FY 2002 | | FY 2003 | | FY 2004 | |
| (U) Other Government Costs and test | | | | | 118 | | 0 | | 90 | |
| (U) Block 3 Software Update | | | | | 2,762 | | 0 | | 1,280 | |
| (U) Total | | | | | 2,880 | | 0 | | 1,370 | |
| (U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u> | | | | | | | | | | |
| (U) <u>Performing Organizations:</u> | | | | | | | | | | |
| <u>Contractor or</u> | <u>Contract</u> | | | | | | | | | |
| <u>Government</u> | <u>Method/Type</u> | <u>Award or</u> | <u>Performing</u> | <u>Project</u> | | | | | | |
| <u>Performing</u> | <u>or Funding</u> | <u>Obligation</u> | <u>Activity</u> | <u>Office</u> | <u>Total Prior</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget to</u> | <u>Total</u> |
| <u>Activity</u> | <u>Vehicle</u> | <u>Date</u> | <u>EAC</u> | <u>EAC</u> | <u>to FY 2002</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>Complete</u> | <u>Program</u> |
| <u>Product Development Organizations</u> | | | | | | | | | | |
| The Boeing Corporation | C/CPAF | 31 Jul 96 | 68,922 | 68,922 | 64,860 | 2,762 | 0 | 1,280 | Continuing | TBD |
| St. Louis MO | | | | | | | | | | |
| ASC/YT WPAFB OH | Various | Annual | N/A | N/A | 9,651 | 16 | 0 | 10 | Continuing | TBD |
| GE, Lynn MA | CPFF | Jan 00 | 750 | 750 | 738 | 0 | 0 | 0 | 0 | 738 |
| ASC/LP, WPAFB OH | Various | Annual | N/A | N/A | 39 | 0 | 0 | 0 | 0 | 39 |
| <u>Support and Management Organizations</u> | | | | | | | | | | |
| OO-ALC/LCT Hill AFB UT | Various | Quarterly | N/A | N/A | 194 | 0 | 0 | 0 | Continuing | TBD |
| AETC Randolph AFB TX | Various | Quarterly | N/A | N/A | 200 | 29 | 0 | 15 | Continuing | TBD |
| OO-ALC/YWT Ogden AFB UT | Various | Quarterly | N/A | N/A | 345 | 4 | 0 | 5 | Continuing | TBD |
| <u>Test and Evaluation Organizations</u> | | | | | | | | | | |
| 416 FLTS Edwards AFB CA | PO | Annual | N/A | N/A | 3,382 | 69 | 0 | 60 | Continuing | TBD |
| AFOTEC Kirtland AFB NM | PO | Annual | N/A | N/A | 331 | 0 | 0 | 0 | Continuing | TBD |

Project 4376

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Exhibit R-3 (PE 0604233F)

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| RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) | | | | | DATE February 2003 | |
|--|--------------------|----------------|--|----------------|-----------------------|----------------|
| BUDGET ACTIVITY | | | PE NUMBER AND TITLE | | | PROJECT |
| 05 - System Development and Demonstration (SDD) | | | 0604233F Specialized Undergraduate Pilot Training | | | 4376 |
| <u>Subtotals</u> | <u>Total Prior</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget to</u> | <u>Total</u> |
| | <u>to FY 2002</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>Complete</u> | <u>Program</u> |
| Subtotal Product Development | 75,288 | 2,778 | 0 | 1,290 | TBD | TBD |
| Subtotal Support and Management | 739 | 33 | 0 | 20 | TBD | TBD |
| Subtotal Test and Evaluation | 3,713 | 69 | 0 | 60 | TBD | TBD |
| Total Project | 79,740 | 2,880 | 0 | 1,370 | TBD | TBD |